

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-36. Canceled.

37. (Currently amended) A code division multiple access (CDMA) subscriber unit comprising:

a wireless transceiver configured to ~~provide~~ transmit and receive ~~wireless communications of~~ digital signals with a base station over a code division multiple access (CDMA) channel, the CDMA channel having a plurality of subchannels over a digital communications path in a wireless CDMA system; and

a bandwidth manager, coupled to the ~~said~~ wireless transceiver, ~~and configured to receive over the digital communications path a time slot assignment from the base station over the CDMA channel~~ a remote wireless transceiver;

~~said the~~ the wireless transceiver configured to transmit an idle mode signal over the CDMA channel to the base station, the idle mode signal ~~digital communications path based upon on the time slot assignment during an idle mode connection wherein said when the~~ wireless transceiver is powered on but not actively transmitting sending data to ~~so that the remote wireless transceiver can maintain timing alignment;~~

wherein the idle mode signal alternates between sending bits and not sending bits in time slots.

38. (Currently amended) A The CDMA subscriber unit ~~according to Claim of claim 37~~ wherein the ~~remote wireless transceiver~~ base station maintains a code phase lock with ~~said~~ the wireless transceiver based upon the idle mode signal.

39.-41. Canceled

42. (Currently amended) A The CDMA subscriber unit ~~according to Claim of claim 37~~ wherein ~~said~~ the bandwidth manager is further configured to receive ~~over the data communications path~~ an updated time slot assignment over the CDMA channel for the transmission of a subsequent idle mode signal ~~when a subsequent idle mode signal is to be transmitted.~~

43. (Currently amended) A code division multiple access (CDMA) subscriber unit ~~mobile terminal~~ comprising:

a wireless transceiver configured to ~~provide~~ transmit and receive ~~wireless communications of digital signals with a base station over a CDMA channel, the CDMA channel having a plurality of subchannels; over a digital communications path in a wireless CDMA system, including transmission of a synchronization signal to establish a communications session with a CDMA base station~~ wherein the digital signals include an idle mode signal; and

a bandwidth manager, coupled to ~~said~~ the wireless transceiver, and configured to

allocate subchannels on an as needed basis when ~~said~~ the wireless transceiver is actively transmitting ~~sending~~ data, and

receive ~~over the digital communications path~~ a time slot assignment from the CDMA base station over the CDMA channel ~~for transmitting a~~

~~synchronization signal;~~

~~said wherein the wireless transceiver is further configured to transmit the synchronization idle mode signal over the digital communications path CDMA channel to the base station based on upon the time slot assignment during an idle mode connection wherein said when the wireless transceiver is powered on but not actively transmitting sending data to so that the remote wireless transceiver can maintain timing alignment;~~

~~wherein the idle mode signal alternates between sending bits and not sending bits in time slots.~~

44. (Currently amended) A The CDMA subscriber unit ~~mobile terminal~~ according to ~~Claim of claim~~ 43 wherein the ~~CDMA~~ base station maintains a code phase lock with ~~said~~ wireless transceiver based upon the ~~synchronization idle mode~~ signal.

45.-47. Canceled.

48. (Currently amended) A The CDMA subscriber unit ~~mobile terminal~~ according to ~~Claim of claim~~ 43 wherein the said bandwidth manager is further configured to receive over the data communications path an updated time slot assignment over the CDMA channel for the transmission of a subsequent idle mode signal on when a subsequent synchronization signal is to be transmitted.

49.-67. Canceled.

68. (New) The CDMA subscriber unit of claim 37 wherein each of the time

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slots is 1.25 ms.

69. (New) The CDMA subscriber unit of claim 43 wherein each of the time slots is 1.25 ms.